

CURRICULUM VITAE

MEDICOLEGAL CV

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QUALIFICATIONS

Indian

M.B. B.S.	- T. N. Medical College, Bombay.	Oct 1991
Dip (Orth)	- The College of Physicians and Surgeons, Bombay.	Oct 1993
MS (Orth)	- G. S. Medical College & the Bombay Univ., Bombay.	Jan 1994
FCPS (Orth)	- The College of Physicians and Surgeons, Bombay.	Jun 1994
DNB (Orth)	- The National Board of Examinations, New Delhi.	Aug 1994

Irish

Diploma Sports Medicine	- The Royal College of Surgeons in Ireland.	Apr 1995
FRCSI	- The RCSI, Dublin.	Jun 1996
FRCS (Tr. & Orth.)	- The Intercollegiate Board, UK.	Feb 2003
MCh (by research)	- Trinity College, Dublin.	Nov 2003

Australian (ongoing)

Masters in Sports Medicine (Degree course from the University of New South Wales, Australia, pending theses submission)

EDUCATION

PRIMARY	Fatima English High School, Bombay	1973 - 1983
SECONDARY	R .K .T. English College, Bombay.	1983 - 1985
MEDICAL EDUCATION	T. N. Medical College, Bombay (MBBS)	1986 - 1991

TRAINING POSITIONS HELD

Training Posts Held in the United Kingdom

- Jan 04- Current SPR 6, Royal Orthopaedic Hospital, Birmingham.
- Aug 03- Dec 03 SPR 5, North Manchester General Hospital, Manchester.
- Feb 03- July 03 Orth Reg (LAT), Booth Hall Children's Hospital, Manchester.
- Dec 02 - Jan 03 Orth Reg (LAT), N. Manchester General Hospital, Manchester.

Training Posts Held in the Ireland

- July 02 -Oct 02 Orth Reg - St. James's Hospital, Dublin.
- Jan 02 - Jun 02 SPR Y- 4 - St.Vincent`s Hospital, Elm Park, Dublin.
- July 01-Dec 01 SPR Y- 4 - The Children's Hospital, Temple Street, Dublin.

Training Posts Held in the Denver, Colorado, USA.

- Apr 16- May 26 AO Fellow, Denver Medical Center, Denver, Colorado, USA.*

Training Posts Held in the Ireland

- Jul 00 - Jun. 01 SPR Y-3 - Waterford Regional Hospital, Waterford.
- Jan 00 -Jun 00 SPR Y-2 - St. James`s Hospital, Dublin.
- Jul 99 - Dec 00 SPR Y-2 - Tallaght Hospital, Dublin.
- Jul 98 - Jun 99 SPR Y-1 - St. James`s Hospital, Dublin.
- Jan 98 - Jun 98 SPR Y-1 - Waterford Regional Hospital, Waterford.

Clinical Arthroscopy and Arthroplasty Fellowship in the Australia

- Jan 97-Dec 97 Knee Arthroscopy & Arthroplasty Fellow, Flinders Medical Centre, Adelaide, Australia.

TRAINING POSITIONS HELD

Training Posts Held in the Ireland

Apr 96 - Dec 96	Orth. Reg, Merlin Park Hospital, Galway, Ireland.
Jul 95 - Dec 95	Orth. SHO, Merlin Park Hospital, Galway, Ireland.
Feb 95 - Jun 95	Orth. SHO, The Cappagh Hospital, Dublin, Ireland.

Training Posts Held in the India

Jul 94 - Sep 94	Orth. Lecturer, Dept of R.G. Medical College, Bombay.
Jan 94 - Jun 94	Ortho. Reg, G. S Medical College & Hospital, Bombay.
Jul 93 - Dec 93	Orth. Reg, Dr. R. N. Cooper General Hospital, Bombay.
Jan 93 - Jun 93	Orth. SHO, Seth G. S. Medical College, Bombay.
Jul 92 - Dec 92	Gen. Surg. SHO, G. S. Medical College, Bombay.
Jan 92 - Jun 92	Orth. SHO, G. S. Medical College & Hospital, Bombay.
Jan 91 - Dec 91	Intern (pre-registration) B. Y. L. Nair Hospital, Bombay.

PROFESSIONAL AFFILIATIONS

- British Orthopaedic Association (BOA)
- British Medical Association (BMA)
- British Elbow and Shoulder Society (BESS)
- British Association for Surgery of the Knee (BASK)
- Member of the Faculty of Sports and Exercise Medicine (RCSI)
- Member of the Faculty of the British Computer Assisted Orthopaedic Surgery Society (UK-CAOS)

EXPERIENCE

Orthopaedic Experience

a. Knee and Shoulder experience.

I have had a substantial amount of knee arthroscopic and arthroplasty surgery.

- I have completed a **one-year clinical Fellowship (Jan-Dec 1997, Adelaide, Australia)** in a busy orthopaedic center in **knee arthroscopic and arthroplasty surgery**. This center and the fellowship were accredited by the Australian Orthopaedic Association and were recognized for training. During this full-time paid fellowship, I performed and assisted a generous amount of knee arthroscopies and arthroplasties. I was also exposed to open shoulder surgery.
- During my 3rd year (1999) of SPR training I had an opportunity to work in a Knee Arthroscopy unit where I performed and assisted knee arthroscopies which included meniscal excisions and anterior cruciate ligament reconstructions.
- During 2001, I worked in a shoulder unit and assisted and performed open shoulder surgery which included cuff repairs and shoulder arthroplasty.
- Since January 2004, I am working in the Royal Orthopaedic Hospital, Birmingham (Inter-deanery transfer) in the Shoulder and Knee unit. I am now able to consolidate my Knee and Shoulder experience. I have performed and assisted a number of knee and shoulder arthroscopic and arthroplasty procedures. I am now getting more experienced in this highly skilled orthopaedic subspecialty and hope to be ready to take up a Consultant post in the latter part of 2004.
- I have completed shoulder and knee courses in the UK and Austria early this year and am planning to visit specialist knee and shoulder centers in Germany and the UK to learn and keep up-to-date with this rapidly advancing specialty

b. General operative experience

Throughout my orthopaedic training, I have been exposed to a wide range of trauma and elective surgery and I am competent in performing procedures such as:

- Manipulative reduction of paediatric and adult fractures
- Application of external fixation and management of open fractures
- Internal fixation of common and some complex intra-articular fractures
- Hip hemi-arthroplasty and Dynamic Hip screw for femoral neck fractures
- Hip and Knee Arthroplasty

c. General clinical experience

I have been actively involved in general as well as specialised clinics (paediatric, upper limb, spine, pelvic and hip clinics). I am directly responsible for the routine and emergency management of pre-operative and post-operative patients in a variety of orthopaedic and trauma conditions.

d. Teaching Experience

I regularly present at Journal Clubs, Audit and Orthopaedic meetings.

I also enjoy sharing my knowledge with my colleagues in both formal and informal teaching environments. I have held teaching sessions for

- 1) MRCS course – Orthopaedic module in North Manchester General Hospital in Sept 2003.
- 2) Undergraduate students as part of their core teaching
- 3) Physiotherapists and Occupational therapy students during their Orthopaedic term in St. James's Hospital, Dublin.
- 3) SHO's and Junior Registrars.
- 4) Power point presentations in Waterford Regional Hospital, which was catered for the Interns, SHO's, Registrars and Consultants.

e. Management Experience

My managerial skills have increased and the skills relevant to the study of medicine include leadership, working with not above or against, cooperation, and reacting calmly in stressful situations. This extra responsibility in my most recent posts included

- 1) SHO and Registrar rota's
- 2) Research coordination and acting as a link between the Junior doctors and the Consultant researchers
- 3) Organised undergraduate competitive Orthopaedic exams in Dublin.

I have completed a couple of management courses and intend to do the Consultant teachers training course and Equal Opportunities course in the near future.

ACADEMIC AND RESEARCH ACTIVITIES

BOOK CHAPTERS

1) **Smith W, Moholkar K.** "Forearm Non-unions" In the Upper Extremity Trauma, Life Sciences, Marcel and Dekker, New York 2003.

2) **Moholkar K, Ziran B.** "Posterior Acetabular fractures" In The Pelvic and Acetabular trauma, Marcel and Dekker, New York. To be published in November 2004.

3) **Moholkar K, Ziran B.** "Local Complications" In **Rockwood and Green's Fractures in Adults, Lippincott Williams and Wilkins, New York. Completed-To be published in December 2004.**

PAPERS PUBLISHED IN REFEREED JOURNALS

4) **Moholkar K, Taylor D, Fenelon G.** A safer technique to harvest patellar bone block during Anterior Cruciate Ligament Reconstruction. A Biomechanical study on porcine knees. JBJS 2002; 84A10: 1782-87.

- 5) **Moholkar K, Fenelon G.** Normal volume of the foot and ankle. *The Foot* 2001;11-2: 63-65.
- 6) **Moholkar K, Corrigan J.** Are lawnmower injuries preventable. *The Foot* 2001; 11-3: 158-9.
- 7) **Moholkar K, Fenelon G.** Diurnal variations of foot and ankle volume. *J Foot Ankle Surg.* 2001; 40-5: 302-4.
- 8) **Moholkar K, Y Lodhi, G McCoy.** Implant removal in the Orthopaedic Clinics. A patient satisfaction survey. *Acta Orthop Belg.* 2003 Dec; 69(6):507-9.
- 9) **Moholkar K, McCoy G.** 30 ml Cement Test. *Arch Orthop Trauma Surg.* 2004 Jul; 124(6):429.
- 10) **Moholkar K, Corrigan J.** An assessment of the effectiveness of pre-operative dental visit - an audit of the elective orthopaedic assessment clinic in relation to dental infection and joint arthroplasty. *Eur J Orthop Surg Traumatol* 2004; 14- 2: 75 – 79.
- 11) **Moholkar K, Corrigan J.** Lawn-mower injuries in children. *Eur J Orthop Surg Traumatol* 2004; 14-2: 122-123.
- 12) **Mc Graw P, Bonvebto B, Moholkar K.** Phalangeal intraosseous epidermoid cyst *Acta Orthop. Belg.*, 2004; 70-3:1-3.
- 13) **Kumar R, Khan R, Moholkar K, Smyth H, Borton D.** A rare combination fracture of the neck of femur. *Eur J Orthop Surg Traumatol* 2001; 11-3, 59-61
- 14) **Moholkar K, Smyth H.** Acute compartment syndrome of the forearm in association with ulnar shortening osteotomy. *J Hand Surg -A* 2000; 25-2: 358-9.
- 15) **Moholkar K, Tamblyn P.** Metallic wear debris and osteolysis presenting as tumor in cemented total hip arthroplasty. *J Arthroplasty* 2001; 16-3: 404-7.
- 16) **Moholkar K, Martin D.** Simultaneous occurrence of Bado Type-I variant lesion, fracture-separation of the lower ulnar epiphysis and unicortical fracture of the Olecranon. March 2000. *E Journal of Hand, 2000. Surgery*<http://www.leeds.ac.uk/handsurgery/EJHS/ejcurr.htm>
- 17) **Moholkar K, Krishnan J, Sampson B.** Self-Surgery: Removal of Ankle Surgical Implants. *Medscape Journal* 2000.<http://www.medscape.com/Medscape/GeneralMedicine/journal/2000/v02.n05/mgm0901.mobo/mgm0901.mobo-01.html>
- 18) **Moholkar K, Tamblyn P.** Symptomatic Retrosternal Dislocation of the Clavicle. *The Internet Journal of Orthopedic Surgery* 2001 <http://www.icaap.org/iuicode? 126.1.1.1>
- 19) **Moholkar K, Baj M.** Dysplasia Epiphysealis Hemimelica of lateral aspect of the distal ulnar epiphysis. *The Internet Journal of Radiology* 2001 <http://www.icaap.org/iuicode? 126.1.1.1>

20) Kumar R, Moholkar K, Fenelon G, et al. Management of compound fractures: The Crucial timing of soft tissue coverage by early plastic surgical intervention. Irish Journal of Orthopaedic Surgery and Trauma 2000; 5-2
<http://www.iol.ie/~rcsiorth/journal/previous.htm>

PAPERS ACCEPTED TO BE PUBLISHED IN REFEREED JOURNALS

21) Moholkar K, Mc Coy G. 2 0 Ethilon Test. Orthopaedics 2004. **(INPRESS)**

22) Moholkar K, O'Sullivan T. Acutrak fixation of comminuted distal radial fractures. Acta Orthop Belg. 2004. **(INPRESS)**

23) Moholkar K, R Mohan, P Gregoris. The uses of long gamma nail for stabilization of existing and impending pathological femur fractures- An analysis of 48 cases. Submitted to Acta Belgica 2004. **(INPRESS)**

PAPERS BEING REVISED TO BE PUBLISHED IN REFEREED JOURNALS

24) Moholkar K, Corrigan J. A Survey of Advanced Trauma Life-Support Training Amongst Doctors in Ireland. Resubmitted to the European Journal of Trauma .

ARTICLES SUBMITTED TO REFEREED JOURNALS

1) Moholkar K, Fenelon G A new modality to reduce traumatic foot and ankle swellings. A prospective randomised controlled clinical trial. Submitted to Acta Scandinavica in August 2004

2) Moholkar K, Fenelon G, Mc Elwaine JP. To block or not to block is the Question? A clinical study assessing the effects of blocking the femoral entrance guiding holes during total knee arthroplasty. Submitted to Orthopaedics in August 2004.

3) Moholkar K, Fenelon G. Recurrences after initial dislocation of the shoulder -A Retrospective study of 121 patients. Submitted to Archives of Orthopaedics and Traumatology in March 2004.

COMPLETED RESEARCH (MANUSCRIPTS BEING WRITTEN UP)

1) Ho K, Moholkar K, Sochart D. Cost effectiveness of pre-donated autologous blood transfusion in total knee replacement

- 2) **Ho K, Moholkar K, Akthar Khan, David Sochart.** Bladder catheterisation in lower limb arthroplasty: identifying patients pre-operatively.
- 3) **Moholkar K, Learmonth DJA.** Early posterior cruciate ligament rupture after total knee replacement
- 4) **Moholkar K, Plewes J.** Lederhosen`s disease in children.

ABSTRACTS PUBLISHED IN REFEREED JOURNALS

- 1) **Moholkar K, Fenelon G.** A study to determine the accuracy and reliability of volumetric analysis of the foot and ankle. *Ir. J. Med. Sc. Vol. 168-3, 213, 1999.*
- 2) **Moholkar K, Fenelon G.** Is filling the femoral entrance hole in Total knee arthroplasty worth an effort? *JBJS-B 2000, Orthopaedic proceedings; 83:170.*
- 3) **Moholkar K, Taylor D, Fenelon G.** A new and safer technique to harvest patellar bone block during Anterior Cruciate Ligament Reconstruction. *Irish Journal of Medical Sciences. Ir. J. Med. Sc. Vol. 169-3, 19, 2000.*
- 4) **K Moholkar, J Day, T Meadows et al.** Do Paediatric Orthopaedic Hospitals need a new Arthroscope. Retrospective chart review of adolescent knee injuries treated in Booth Hall Children`s Hospital between 1999 and 2003, *Injury, 2004.*

POSTERS PRESENTED - INTERNATIONAL

- 1) **Moholkar K, Fenelon G.** Recurrences after Initial Dislocation of the Shoulder - A Retrospective study of 121 patients. *EFORT, Brussels, June 3-6, 1999.*
- 2) **Moholkar K, Fenelon G.** Diurnal variation of foot and ankle volume. A study on 20 ambulatory and bed bound normal subjects measured by a volumeter. *EFORT, Brussels, June 3-6, 1999*
- 3) **Moholkar K, Fenelon G.** Recurrences after Initial Dislocation of the Shoulder - A Retrospective study of 121 patients. *SECEC, 1999, Hague.*
- 4) **A Sajjad, K Moholkar, G Mc Coy.** Urinary Catheterisation and Joint Arthroplasty *ISTA September 2001 Symposium Maui, Hawaii.*

POSTERS PRESENTED - NATIONAL

5) **Moholkar K, Fenelon G.** Colles fracture - Should the Rheumatologist have an input? A poster presented at the Irish Soc. of Rheumatology conference held at the Mater Hospital, Dublin, October 1998.

PRESENTATIONS

1) **K Moholkar, G Fenelon.** A study to determine the accuracy and reliability of volumetric analysis of the Foot and Ankle. Presented at the 5th Annual conference of the Bioengineering Society and the Royal Academy of Medicine of Ireland, at the Tulfarris House, Blessington, Ireland on the 30th January 1999.

2) **K Moholkar, G Fenelon.** A new and safer technique to harvest patellar bone block during Anterior Cruciate Ligament Reconstruction. Presented at the conference of the Bioengineering Society and the Royal Academy of Medicine of Ireland, at the Arklow Bay Hotel, Arklow, Ireland, and 6th January 2000.

3) **K Moholkar, J Day, T Meadows et al.** Do Paediatric Orthopaedic Hospitals need a new Arthroscope. Presented to the British Trauma Society on 1-10-03 in London.

DISSERTATIONS

1) A biomechanical analysis of four different methods of harvesting bone -patellar tendon-bone graft in porcine knees. JBJS 2002, 84A-10, 1782-87. A porcine study to examine the incidence & patterns of fracture after different shapes of patellar bone plugs. A requirement for MCh-Trinity College, Dublin.

This project was planned in two stages

a) Studying the properties of porcine cancellous and cortical bone in relation to stress risers.

b) Impact testing the porcine knees after harvesting the bone patella bone graft and loading knee extensor mechanism after harvesting various sizes and shapes of patellar bone grafts - patellar tendon and tibial bone graft. The conclusion drawn at the end of this project was that round cornered patellar bone plugs are better and safe than the traditional sharp cornered ones.

2) A new modality to reduce traumatic foot and ankle swellings. As a requirement for MS Sports Medicine, New South Wales, Australia. (Thesis completed, being edited)

3) Diagnostic value of Arthroscopy in the internal derangement's of the knee-A study of 63

cases. Thesis submitted to University of Bombay in Oct 1993 as a requirement for MS Orthopaedics

4) Surgical treatment of habitual dislocation of patella- a study of 36 patients. Thesis as a requirement for Fellowship in Orthopedics. Submitted to the College of Physicians and Surgeons of Bombay. As a requirement for FCPS Orthopaedics

AUDIT PROJECTS

K Moholkar, J Day, T Meadows et al. A Questionnaire based audit to assess the parental understanding of Botox injection therapy in children with cerebral palsy after verbal explanation. Questionnaires sent out in April 2003

Moholkar K, Y Lodhi, G McCoy. Treating finger tip injuries-Are patients happier if treated in the theatre or the emergency room.

Moholkar K, Corrigan J. An assessment of the effectiveness of a pre-operative dental visit - an audit of the elective orthopaedic assessment clinic in relation to dental infection and joint arthroplasty. Eur J Orthop Surg Traumatol 2004

RESEARCH/AUDIT WORK IN PROGRESS

- 1) **Day case Audit.** I am currently involved in a project on day case patients. We have noticed that a sizeable number of patients admitted as day case stay back into the hospital for a day or even two. This is a particular problem being faced by the Arthroscopy unit in the Royal Orthopaedic Hospital, Birmingham.
- 2) **Moholkar K, Plewes J.** The **Birmingham Royal Orthopaedic Hospital Osteotomy (BROH).** A new method to treat bunionettes.
- 3) **Moholkar K, Learmonth DJA.** MRI reclassification of Acromial shapes.

COURSES ATTENDED

- 1) *Shoulder Arthroscopy* course, London, 23-24 April 2004.
- 2) *Newcastle Knee Injuries* course, 13-14, May 2004.
- 3) *International Shoulder* course, Austria, 2-5 June, 2004.

COURSES ATTENDED (CONTD.)

- 4) *Oxford Unicompartmental Knee* Replacement course, Oxford, 5-6 July 2004
- 5) *The Knee Arthroplasty*, Summer University, Edinburgh September 2003.
- 6) *The Hip arthroplasty*, The Marriott, Worsley, Manchester, October 2003.
- 7) *The Hand Surgery course*- Wrightington, Sept-2001.
- 8) *Basic Sciences in Orthopaedics*, Bristol, June-2002.
- 9) *Paediatric Orthopaedic course*, Dublin, October 2002.
- 10) *Current controversies in trauma*, Dublin, October 2001.
- 11) **AO Trauma Fellowship, Denver, USA, April-May 2001.**
- 12) *Bone Graft Substitutes in trauma*, Aspen, Colorado, May 2001.
- 13) *Debates about Hip Replacement*, Bristol, Nov 2001.
- 14) *AAOS*, San Francisco, Feb 2001.
- 15) *Musculoskeletal MRI Symposium*, Dublin, March 2000.
- 16) *ATLS*, Dublin, May-1999 (**Reverified Sept 2003**)
- 17) *Shoulder Arthroscopy*, Royal College of Surgeons in Dublin, October 1998.
- 18) *Basic AO*, Leeds, June-1998.
- 19) *Knee Arthroscopy*, Royal College of Surgeons in Dublin, October-1998.
- 20) *Radiation Protection*, Dublin-1996.
- 21) *Basic Arthroscopic techniques*, Bombay, 1994.

MANAGEMENT COURSES ATTENDED

- 1) Leading Empowered Organisation, Manchester,
- 2) Creating Effective Leadership in teams, Morecambe Bay NHS Hospitals, Lake District, December 2003.
- 3) Effective presentation skills, St. Mary`s Hospitals, Manchester, July 2003.

COURSES DUE TO ATTEND

- 1) Equal Opportunities course, 24th September 2004

COMPUTER AND IT COURSES ATTENDED

- 1) *Word processing* at the Computer's International, Australia, November 1997.
- 2) *PowerPoint* presentation at WIT, Waterford, Ireland.
- 3) *Database* -Excel, Access and File maker-pro -Adult education, Prestwich, Manchester.
- 4) ECDL - Passed Powerpoint and Basic modules.
- 5) Programmed a Database for operative record keeping to be used in the Operating theatres in Booth Hall Children's Hospital. This was a File Maker pro based programme.

REFEREES

The following Orthopaedic Consultants have kindly agreed to act as my referees and provide a reference if needed

MR. G.CHANA

Orthopaedic Consultant
Royal Orthopaedic Hospital
Birmingham
B45 8UB
Tel 0121 6854000